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## About this guide

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This document describes ISDN BRI maintenance tools and procedures to assist in identifying faults, locating defective units, correcting problems by fixing or replacing defective units, and verifying operation after the corrections or replacements have been made.

This document focuses on the maintenance of ISDN BRI equipment installed in Meridian 1 systems, and requires that non ISDN BRI functions operate correctly before starting to diagnose ISDN BRI problems. Refer to the following documents for general Meridian 1 maintenance information, and ISDN BRI descriptions.

*X11 input/output guide (553-3001-400)*

*Meridian 1 general maintenance information (553-3001-500)*

*Meridian 1 fault clearing (553-3001-510)*

*Meridian 1 hardware replacement (553-3001-520)*

*ISDN Basic Rate Interface Product description (553-3901-100)*

**Note:** Not all features and services are available in all markets. For example, ISDN BRI trunking is not supported in the United States. For more information, please contact your local Northern Telecom representative.

## Applicability of this guide

The intended audience of this guide is all craftspersons charged with maintaining ISDN BRI.

## How this guide is organized

This publication has been organized according to the following sections.

**Isolating and correcting faults** lists and describes ISDN BRI diagnostic maintenance commands, and describes potential hardware, software, and configuration problems that may occur on newly-installed or operational ISDN BRI systems.

**Replacing ISDN BRI cards** describes how to unpack replacement cards, remove and replace defective cards, verify the operation of ISDN BRI equipment, and package and ship the defective cards to an authorized repair center.

**ISDN BRI maintenance messages** lists ISDN BRI messages pertaining to routine system activities, system faults, and configuration input errors.

## Related documents

ISDN BRI on Generic X11 including Supplementary features:

- ISDN Basic Rate Interface Product Description 553-3901-100
- ISDN Basic Rate Interface Installation 553-3901-200
- ISDN Basic Rate Interface Administration 553-3901-300
- ISDN Basic Rate Interface Acceptance Testing 553-3901-330

**Note:** This guide does not contain any information related specifically to Meridian 1 system Option 11. This information is contained in the Northern Telecom publication *Option 11 ISDN Administration and Maintenance* 553-3011-311.